

LOG AND HISTORY

WELL NO. 4

PROPERTY State 3

STANDARD OIL CO. OF TEXAS COMPANY

NOTE: FORMATIONS SHOWING OIL OR GAS SHOULD BE NOTED IN CAPITALS

FROM	TO	FEET	FORMATION DRILLED AND CORED
			<p><u>February 26, 1940:</u> APPROPRIATION NO. 507-208 received and location staked 1960' from north line and 1960' from west line of Section 32, Township 17, South, Range 35-East, Vacam Field, Lea County, New Mexico.</p> <p><u>February 27, 1940:</u> Digging cellar and pits.</p> <p><u>March 4, 1940:</u> Completed rigging up and started drilling 12-1/4" hole.</p>
0	17	17	Cellar
17	40	23	Caliche
40	250	210	Sand and gravel
250	323	73	Red bed and shells
			<p><u>March 4, 1940:</u> Reamed 12-1/4" hole to 17-1/4" hole from 17' to 305'. Landed and cemented 286' of 13-3/8" casing at 301' with 250 sacks of El Toro oil well cement.</p> <p style="text-align: center;"><u>Casing Detail</u></p> <p>Landed 285' 9" of new 13-3/8" 48/ 8-V thread 1200# tested South Chester layweld with Texas Pattern shoe at 301' in red bed and shells.</p> <p style="text-align: center;"><u>Cementing Detail</u></p> <p>Cemented 13-3/8" casing at 301' with 250 sacks of El Toro Green Bag oil well cement, Halliburton Process, Halliburton Top Plug. Circulation obtained and casing free. 50 minutes mixing cement and pumping plug into place. Pump stopped when plug reached 280'. Final pump pressure, 50%.</p> <p><u>March 7, 1940:</u> After standing cemented 48 hours found top of cement at 285'. Plug was drilled and casing and hole tested for water shut-off by bailing hole dry. After standing 1 hour hole was still dry. Casing and water shut-off O.K.</p> <p>Drilled ahead in 12-1/4" hole from 323' to 1362'.</p> <p>DEVIATION TEST at 300' - 1° from vertical</p> <p>DEVIATION TEST at 1000' - 1° from vertical</p>

WELL NO.

6. OTHER INFORMATION SHOWING OF OR FOR THE TO BE WORTH A MENTION.

11-401-100A 12-12-72 MS/PA/MS/PA

73 : 74



MOF 3